



SDMS DocID 2232139

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(red)

**CERTIFIED MAIL**

Mr. David P. Turner, RPM (3HW22)  
United States Environmental Protection Agency, Region 3  
1650 Arch Street  
Philadelphia, PA 19103-2029

March 1, 2001

Reference: Lord-Shope RA Monthly Progress Report

Dear Mr. Turner:

Lord is hereby submitting five copies of the monthly progress report for the period of February 1, 2001 through March 1, 2001.

The following work was conducted during this period:

**REMEDIAL ACTION**

The thermal oxidizer unit has been operating satisfactorily during this interim. Influent concentrations were 264 ppm. The overall efficiency of the unit remained good at 99.24%.

The groundwater treatment unit operation was normal during this interim. The groundwater VOC influent concentration was 0.29 ppm. Total VOC removal efficiency was 100%. A copy of the NPDES report for January will be submitted under separate cover.

The Lactic Acid Trial continues. Hydrogen Release Compound (HRC) additions and monitoring are in process. A final report will be written when all results are obtained.

Lord submitted a letter report by Brown & Caldwell, which summarized historical site analytical findings. Three Over Lake wells show non-detect over eight consecutive quarters; Lord recommends removal of these wells and retention of the single well, W33 on Over Lake property as an indicator well. Lord also recommends annual monitoring of the Shope site.



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Lord responded to the USEPA laboratory audit report for Superfund analytical work on February 9, as requested.

USEPA has requested a remodeling of the NPDES permit for this site. R. Lybrook of PADEP and E.A. Miller discussed various aspects of the NPDES revision and other potential treated wastewater options this month. A NPDES permit application has been received by Lord from PADEP.

E. A. Miller and D. P. Turner held a conference call on February 13, 2001 concerning NPDES and other treated wastewater options. Potential problems with re-injection of groundwater were discussed. Mr. Turner advised that use of HRC as an additional remedial measure could be a viable option that would not require the formal ROD amendment process. Explanation of Significant Differences (ESD) and non-significant post ROD amendments were identified as candidate alternatives.

Sincerely,

LORD CORPORATION

Eugene A. Miller  
Manager, Environmental Services

EAM01012/cmf

cc: (b) (4) - Brown and Caldwell, Inc.  
J (b) (4) - Brown and Caldwell, Inc.  
Ronald Lybrook, PADEP (Certified Mail - 2 copies)